

Single Swing **DAHLSTROM** **ELEVATOR ENTRANCES**



DOOR DESIGN ILLUSTRATED IS NO. 83

Hollow Metal **ELEVATOR**
ENTRANCES PROVIDING HIGH GRADE
INSTALLATIONS AND EFFICIENT SERVICE

DAHLSTROM METALLIC DOOR COMPANY • JAMESTOWN, NEW YORK

FEATURES

The Dahlstrom Single Swing Elevator Entrances illustrated in this folder are complete, and widely adaptable units. Construction varies with elevator manufacturers' type of interlock used. For detailed information covering the various elevator manufacturers' requirements, consult your Dahlstrom or elevator manufacturer's representative.

DESIGN

- Frame—Clear opening $2'8\frac{3}{16}" \times 7'0"$ suggested as a practical size for most requirements.
- Adaptable for various wall thicknesses and finished wall treatments.
- Frame held rigidly in place by angle struts and sill fastenings.
- Two unit types illustrated. Other profiles available. Consult Dahlstrom Elevator Entrance Catalog.
- Door—Flush design with vision panel shown, permitting a wide range of finishes, striping, or other decoration. Other designs shown on back page of this folder.
- Door equipped with Russwin No. 400 semi-concealed overhead, door closer for automatic door closing. Hold-open device included.

INTERLOCKS

- Door—adaptable to all standard types of interlocks.

CONSTRUCTION

- Materials and workmanship assure satisfactory installation, efficient service and minimum maintenance cost.
- Construction features are described in the specifications.
- Underwriters' Labels available with special construction and hardware.

COMPLETENESS

- Entrances furnished and erected complete including unit frame, doors, sill, sill anchors, fascia, toe guard plate, dust cover and hardware.

SPECIFICATIONS

UNIT FRAMES • No. 14 (.078) gauge steel, __ type with integral trim. Welded at corners to form a rigid unit. Frame is securely fastened to sill and to beam overhead.

DOORS • No. 18 (.050) gauge steel, $1\frac{3}{4}"$ thick flush design (or design No. __). Substantially reinforced for and provided with service or emergency keyways as required. Diamond vision panels ($7\frac{3}{8}" \times 10\frac{1}{16}"$) have $\frac{1}{4}"$ polished plate wire glass. Doors contain suitable material for effective sound deadening.

SILLS • Cast iron (not less than $\frac{7}{16}"$ thick) with non-slip abrasive surfaces. Sill design governed by floor treatment. Specify arrangement. Sills supported on steel anchors securely fastened to floor beams.

STRUTS • $2" \times 2" \times \frac{1}{8}"$ structural steel angles assure plumb alignment of frame and rigid fastening to beam above at all times.

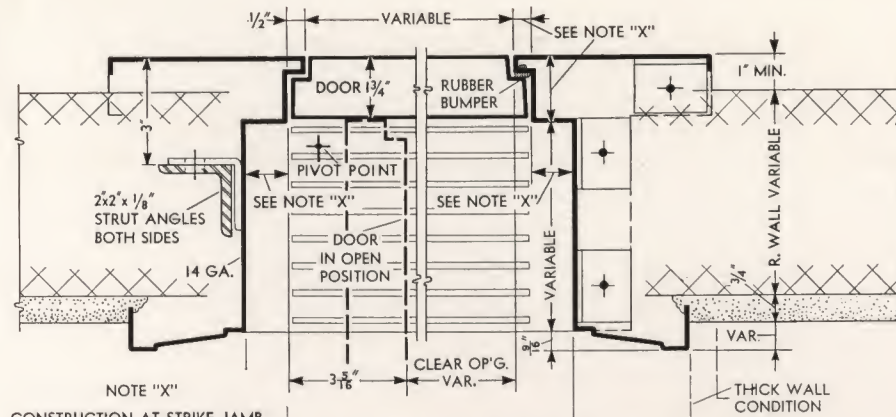
FASCIAS • No. 14 (.078) gauge steel. Reinforced to assure a flat surface throughout. Fastened to head frame and sill above.

TOE GUARDS • No. 14 (.078) gauge steel. Provided at lowest landing only, or at all landings when no fascias.

HARDWARE • Russwin No. 400 semi-concealed overhead closer with hold open device and solid bronze top and bottom pivots. Doors have solid bronze swivel knob and push and pull plate. Finish is satin bronze or chrome.

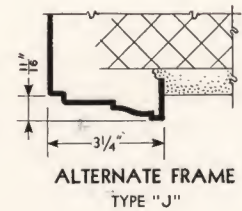
FINISHES • All inside surfaces are thoroughly cleaned and coated with rust-inhibiting paint before fabrication. Exposed surfaces have all oil, dirt and other impurities removed and are thoroughly sanded and cleaned. Exposed areas of doors and frames receive sufficient coats of mineral filler (each coat baked and sanded) to insure a smooth surface. All structural steel and sills receive one shop coat of black paint. Other items, as specified, finished plain enamel, grained or stippled to match Dahlstrom finish No. __ (or sample selected). Plain enamel finishes receive one coat baked on primer and two, baked, color coats, sanded between coats. Grained or stippled finishes receive one baked on prime coat, one baked, color coat, graining or stippling and two coats best baking varnish, sanded between coats. Final coat is rubbed to eggshell gloss finish.

ERECTION • Sills, fascias, toe guards and unit frames are erected prior to erection of rough walls and set in proper relation to elevator car guides. Doors are installed after walls are finished. When baked enamel or special finish is specified for unit frames, special care is taken to protect finished surfaces.

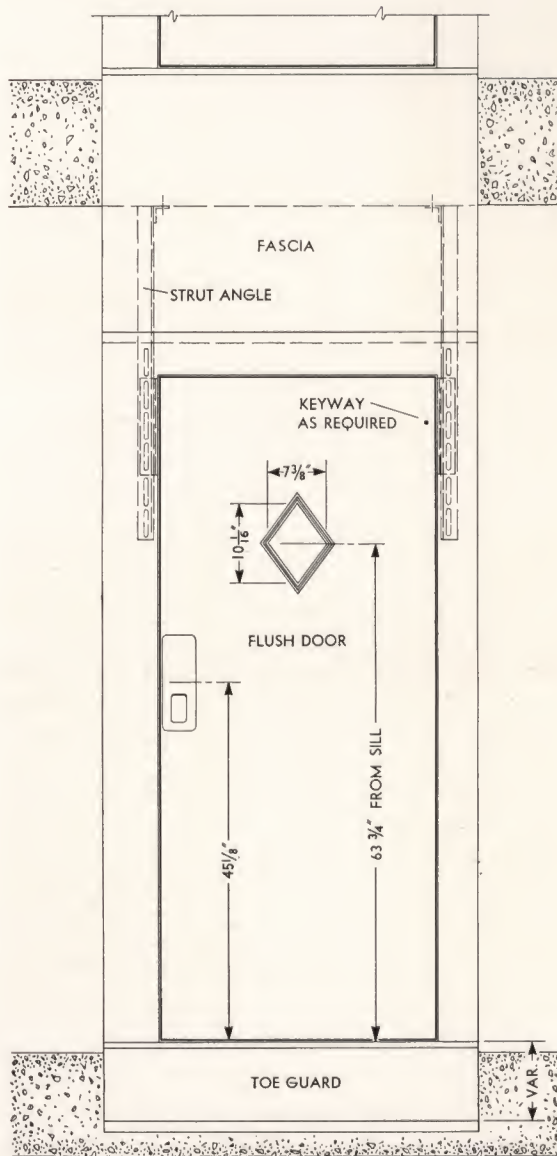


NOTE "X"
CONSTRUCTION AT STRIKE JAMB AND RELATION OF DOOR FACE ON HOISTWAY SIDE TO SILL NOSING VARY WITH MAKE OF INTERLOCK SPECIFIED. FOR DETAILS COVERING VARIOUS ELEVATOR MANUFACTURERS' INTERLOCK REQUIREMENTS CONSULT DAHLSTROM OR ELEVATOR MANUFACTURERS' REPRESENTATIVES

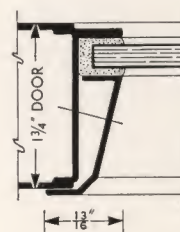
CONVENTIONAL FRAME
TYPE "E"



ALTERNATE FRAME
TYPE "J"

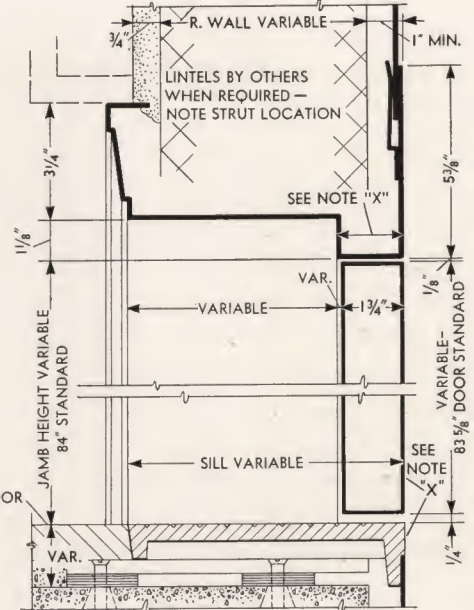


ELEVATION
FROM HOISTWAY SIDE



VISION LIGHT FRAME
HOISTWAY SIDE

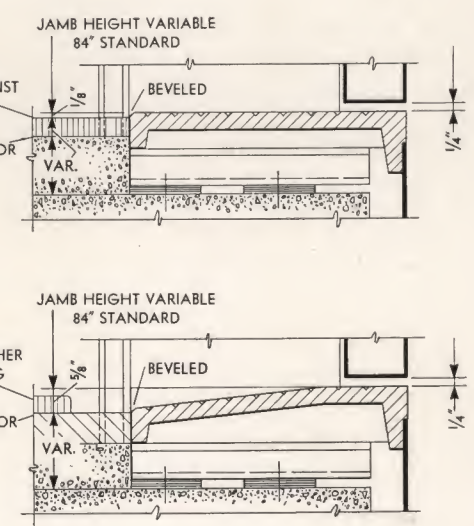
SILL
ARRANGEMENT
STANDARD



VERTICAL SECTION

SILL
ARRANGEMENT
"R"
FURNISHED ONLY
WHEN SPECIFIED

SILL
ARRANGEMENT
"S"
FURNISHED ONLY
WHEN SPECIFIED



RIGHT HAND SHOWN—
REVERSE FOR LEFT HAND

Designs FOR SWING ELEVATOR DOORS.

The following standard door designs suggest some of the decorative striping arrangements adaptable to the flush swing elevator door. Other types of door designs are also available. These include single paneled doors with panel mouldings or offset panels and flush doors with moulding inserts or applied decorative bands in natural metals. The flush door with diamond vision panel is standard. Most of the painted designs shown can be adapted to kick plates. Painted kick plates are standard but bronze or stainless steel kick plates are available. Our Art Department will gladly cooperate in creating special ornamentation, if desired.



DESIGN 84
Two colors: A—Field
B—Kick Plate



DESIGN 85
Two colors: A—Field;
B—Striping, Vision Panel
Frame and Kick Plate



DESIGN 86
Two colors: A—Field;
B—Striping and Kick Plate



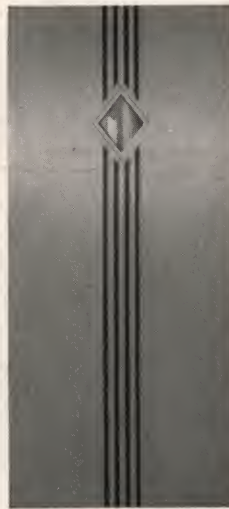
DESIGN 87
Two colors: A—Field
B—Striping



DESIGN 61
Two colors: A—Field
B—Striping



DESIGN 89
Two colors: A—Field;
B—Striping and Vision
Panel Frame



DESIGN 90
Two colors: A—Field
B—Striping



DESIGN 91
Two colors: A—Field
B—Striping

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DESIGN 61
Two colors: A—Field
B—Striping

DESIGN 89
Two colors: A—Field;
B—Striping and Vision
Panel Frame

DESIGN 90
Two colors: A—Field
B—Striping

DESIGN 91
Two colors: A—Field
B—Striping

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